

CHWALIBOGOWSKI, Artur; ROMANSKA, Krystyna; WALTENBERGER, Zofia

Can salicylic acid amide be used in rheumatic disease? Reumatologia
Polska no.3:393-396 '60.

1. Z Kliniki Chorob Dzieci Sl. Ak. Med. w Zabrze Kierownik: prof.
dr med. A. Chwalibogowski
(SALICYLAMIDES ther)
(RHEUMATIC FEVER ther)

KORCZOWSKI, Ryszard; ROMANSKA, Krystyna; SROCZYNSKA, Maria

Contribution to the treatment of lamblasis in children. Pediat pol
36 no.1:65-68 '61.

1. Z Kliniki Chereb Dzieci Slaskiej A.M. w Zabrze Kierownik: prlf.
dr med. A. Chwalibogowski.

(GIARDIASIS in inf & child)

CHWALIBOGOWSKI, A.; ROMANSKA, K.; WALTENBERGER, Z.

A case of chondroblastoma in a 12-year-old girl. *Pediatr polska* 36
no.3:291-294 '61.

1. Z Kliniki Chorob Dzieci Slaskiej A.M. w Zabrze Kierownik:
prof. dr med. A. Chwalibogowski.

(CHONDROBLASTOMA in inf & child) (SHOULDER neopl)

ROMANSKAYA, N.N.

Effect of synthetic antioxidants on the keeping quality of
butterfat and butter. Izv.vys.ucheb.zav.; pishch.tekh.
no.4:73-76 '59. (MIRA 13:2)

1. Frunzenskiy politekhnicheskiy institut. Kafedra
tekhnologii myasnykh i molochnykh produktov.
(Butter--Preservation) (Butterfat--Preservation)

ROMANSKAYA, S.V.; SAKHAROV, V.I.; KORBUT, I.F.

Preliminary values of the variations of the latitude of
Pulkovo from 1951.8 to 1954.4. Izv.GAO 20 no.1:130-131
'55. (MIRA 13:5)

(Pulkovo--Latitude variation)

ROMANSKAYA, S.V.; KORBUT, I.F.; SAKHAROV, V.I.

Preliminary values of the variation of latitude at Pulkovo
(1954.4 -1956.0). Izv.GAO 20 no.4:143-144 '57.

(MIRA 13:4)

(Pulkovo--Latitude variation)

S/035/62/000/008/010/090
A001/A101

AUTHOR: Romanskaya, S. V.

TITLE: Analysis of the joint Pulkovo latitude series 1915 - 1941

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 8, 1962, 18, abstract 8A144 (In collection: "Predvarit. rezul'taty issled. kolebaniy shirot i dvizheniya polyusov Zemli, no. 2", Moscow, AN SSSR, 1961, 81 - 87, English summary)

TEXT: Latitude observations being analyzed consist of two cycles (1915 - 1929 and 1929 - 1941). They were joined into a single system by reducing the values of a revolution of the ocular micrometer screw, declinations and proper motions of the program stars. The declinations of the program stars were first reduced, by means of the known systematic corrections, from the Auwers A system to the FK3 system. Then, by the chain adjustment of the observed material, final corrections were determined. In conversion to the FK3 system the mean latitude of the instrument was changed by +0".07. Using corrected declinations, the latitude curve was plotted, based on which mean latitudes ψ were calculated by A. Ya. Orlov's formula for the entire period from 1915 to 1941. Latitude variations $\Delta \varphi = \varphi - \psi$ were compared with the International Latitude Service data for calculating Card 1/2

Analysis of the joint Pulkovo latitude series...

S/035/62/000/008/010/090
A001/A101

the z-term. Harmonic analysis was employed to single out, from the observed latitudes, the Chandler wave, annual and semi-annual waves (by 6-years). The data were used also for determining the coefficient of the main nutation wave which turned out to be $N=9^{\circ}20'55''\pm 0^{\circ}00'47''$. There are 9 references. ✓

Kh. Potter

[Abstracter's note: Complete translation]

Card 2/2

Romanskaya, S.V.

PHASE I BOOK EXPLOITATION

SOV/5742

Akademiya nauk SSSR. Mezhdunarodnyy komitet po provedeniyu Mezhnunarodnogo geofizicheskogo goda. VIII razdel programmy MGG: Shirot'y i dolgoty.

Predvaritel'nyye rezul'taty issledovaniy kolebaniy shirot i dvizheniya polyusov zemli; sbornik statey (Preliminary Data of Latitude Variations and Migrations of the Earth's Poles; Collected Articles. No. 1) Moscow, Izd-vo AN SSSR, 1960. 97 p. Errata slip inserted. 1,000 copies printed.

PURPOSE: This collection of articles is intended for astronomers, geophysicists, and other scientists concerned with the problem of latitude variations and the migration of the Earth's poles.

COVERAGE: Part I of the collection contains preliminary results of latitude observations from 1957.5 through 1959.0 made at IGY stations in the USSR network, including new stations in Siberia. Part II consists of articles describing new instruments, observational programs and methods, and procedures of processing the latitude observational data. With the larger number of stations and the use of new instruments it is anticipated that the final results will provide a more comprehensive study of anomalies and instrumental

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Preliminary Data of Latitude Variations (Cont.)

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errors in latitude observations than has been possible previously. No personalities are mentioned. English abstracts and references follow each article.

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Preliminary Data of Latitude Variations (Cont.)

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Instrument With the Position Depending on the Direction of Turning the
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AVAILABLE: Library of Congress

Card 5/5

JA/dwm/mas
11-7-61

ROMANSKI, Apoloniusz

Histochemical studies on the effect of hunger on the exocrine portion of the rat pancreas. Postepy hig.med.dosw. 17 no.5: 547-566 S-0'63

1. Z I Kliniki Chirurgicznej Slaskiej AM w Zabrze-Rokitnicy;
kierownik: prof.dr. S.Szyszeko.

*

PALIWODA, Tadeusz; ROMANSKI, Apoloniusz

Congenital aplasia of the portal system in a 4-year-old boy. Polski
tygod. lek. 16 no. 45:1744-1747 6 N '61.

1. Z I Kliniki Chirurgicznej Slaskiej A.M.; kierownik: doc. dr Stanislaw
Szyszko.

(PORTAL VEINS abnorm)

POLAND

ROMANSKI, Bogdan, Consulting Clinic for Allergic Diseases (Poradnia Chorob Alergicznych) of the First Clinic of Internal Diseases (I Klinika Chorob Wewnetrznych) (Director: Prof. Dr. M. GORSKI) in Gdansk

"Bronchial Asthma Due to Allergy to Mushroom Spores. Report of Three (3) Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 18, 29 Apr 63, pp 625-627.

Abstract: [Author's English summary] The author describes the symptoms of allergization to mushrooms (Fungi imperfecti Phycomycetes) and cites three cases. In one, the paroxysm of bronchial asthma appeared only in the summer, whereas in the other two it occurred independently of the season, and only at the patients' homes. The skin tests with fungi extracts were positive, and specific desensibilization was successful. There are 12 references, of which three (3) are Polish, seven (7) are in English, and one (1) each in French and German.

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Wydawnictwo Lekarskie PZU

Przewodność przewodnościowa i jej zmiana w chorobach
innych. Lek. Pol. tyg. Lek. 19 no. 11: 513-516 30 str. 198.

1. 7. 1. Przewodność przewodnościowa Akademii Medycznej w Warszawie
Wydawnictwo: prof. dr. med. Marian Garski.

KOKOCHA, Barbara; ROMANCEK, Bogdan; CHYRNEK-BOROWSKA, Sabina

Results of therapeutic specific desensitization of patients
with allergic bronchial asthma. Pol. arch. med. wewnet. 34
no.5:575-578 '84

1. Z Poradni Chorob Alergicznych I Kliniki Chorob Wewnetrznych
Akademii Medycznej w Gdansk (Kierownik: prof. dr. med. M.Gorski).

KOMAR, Jozef; J. KOMAR, Jozef

The sex and age factor in bronchial asthma morbidity. Pol. tyg. lek.
1974, 19(47-48): 7-10.

1. Klinika Chorob Wewnętrznych Akademii Medycznej w Gdańsku
prof. dr. hab. Marian Gorski.

ROMANSKI, Bogdan

The role of mould fungi in the etiopathogenesis of bronchial asthma. Based on experiments carried out in Gdansk, Sopot and Gdynia. Acta Biol. med. 7 no.8:249-305 '63.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Gdansku
Kierownik Kliniki: Prof. dr Marian Gorski.
(ASTHMA) (FUNGI) (AIR MICROBIOLOGY)
(WEATHER) (STATISTICS)

ROMANSKI, Bogdan

Cases of bronchial asthma caused by sensitivity to fungus
spores. Pol. tyg. lek. 18 no.18:625-627 29 Ap '63.

1. Z Poradni Chorob Alergicznych I Kliniki Chorob Wewnętrznych
w Gdansk; kierownik kliniki: prof. dr M. Gorski.
(ASTHMA) (FUNGI)

ROMANSKI, Bogdan

Etiological factors in bronchial asthma in children. Pediat.
pol. 38 no.4:369-377 '63.

1. Z Poradni Chorob Alergicznych I Kliniki Chorob Wewnętrznych
AM w Gdansk Kierownik: prof. dr med. M. Gorski.
(ASTHMA)

ROMANSKI, Bogdan

Treatment of bronchial asthma in children. Pediat. pol. 38
no.4:379-387 '63.

1. Z Poradni Chorob Alergicznych I Kliniki Chorob Wewnętrznych
AM w Gdansk Kierownik: prof. dr med. M. Gorski.
(ASTHMA) (VACCINE THERAPY)
(ACETYLSALICYLIC ACID) (EPHEDRINE)
(THEOPHYLLINE) (ASCORBIC ACID)
(TISSUE THERAPY)

SZULCZYNSKA, Krystyna; CHYREK-BAROWSKA, Sabina; ROMANSKI, Bogdan

Steroid hormones in the treatment of bronchial asthma. Polskie
arch.med.wewn. 30 no.6:818-821 '60.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Gdansk Kierownik:
prof. dr med. M.Garski.

(ASTHMA ther)

(ADRENAL CORTEX HORMONES ther)

ROMANSKI, Bogdan

Analysis of 50 cases of urticaria treated with phenirgran. Polski
arch. med. wewnetrz. 30 no.11: 1437-1443 '60.

1. A Poradni chorob alergicznych I Kliniki Chorob Wewnetrznych
A.M. w Gdansk Kierownik: prof. dr med. M. Gorski.

(PROMETHAZINE ther)

(URTICARIA ther)

SHYREK-BOROWSKA, Sabina; ROZMARYNOWSKA, Izabela; ROMANSKI, Bogdan

Biochemical and clinical studies on "Rotasulfin", a sulfonamide
with prolonged activity. Pol. tyg. lek. 17 no.33:1296-1300 13 Ag '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Gdansk; kierownik: prof.
dr M. Gorski.

(SULFAMETHOXYPYRIDAZINE)

ROMANSKI, Bogdan

Attempted specific desensitization in allergic bronchial asthma.
Polskie arch. med. wewnetrz. 30 no.12:1521-1525 '60.

1. Z Poradni Chorob Alergicznych I Kliniki Chorob Wewnetrznych A.M.
w Gdansk u Kierownik: prof. dr med. M. Gorski.

(ASTHMA ther)

ROMANSKI, Bogdan

Clinical peculiarities during the course of bronchial asthma
in children. Pediat. pol. 38 no.4:361-368 '63.

1. Z Poradni Chorob Alergicznych I Kliniki Chorob Wewnętrznych
AM w Gdangu Kierownik: prof. dr med. M. Gorski.
(ASTHMA) (ALLERGY)

KOKOCHA, Barbara; ROMANSKI, Bogdan

Biostimin in the treatment of bronchial asthma. Pol. tyg. lek. 17
no.34:1340-1343 20 Ag '62.

1. Z Poradni Chorob Alergicznych I Kliniki Chorob Wewnętrznych AM w
Gdańsku; kierownik Kliniki: prof. Marian Gorski.
(ASTHMA) (ALOE)

ROMANSKI, Bogdan; DZIEWULSKA, Krystyna

Visceral changes during the course of scleroderma. Pol. arch. med. wewnet. 32 no.6:637-640 '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Gdansk Kierownik: prof. dr med. M. Gorski i z Zakladu Radiologii AM w Gdansk Kierownik: prof. dr med. W. Grabowski.

(SCLERODERMA ADULTORUM pathol)

ROMANSKI, Bogdan

Quincke's edema according to material of the allergic dispensary of the 1st Clinic of Internal Diseases of the Academy of Medicine in Gdansk. Polskie arch. med. wewnetrz. 31 no.1:119-125 '61.

1. Z Poradni Chorob Alergicznych I Kliniki Chorob Wewnetrznych A.M. w Gdansku Kierownik: prof. dr med. M. Gorski.

(ANGIONEUROTIC EDEMA statist)

"
SZULCZYNSKA, Krystyna; CHYREK-BOROWSKA, Sabina; ROMANSKI, Bogdan

Result of ACTH and steroid hormone therapy of bronchial asthma.
Polski tygod. lek. 15 no.46:1768-1770 14 N '60.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Gdansk; kierownik:
prof. dr med. M. Gorski.

(ASTHMA ther) (CORTICOTROPIN ther)
(ADRENAL CORTEX HORMONES ther)

DZHAGATSPANYAN, R.V.; KOLBASOV, V.I.; BARDENSHTEYN, S.B.; KOROIEV, B.M.;
ROMANSKIY, I.A.; ZETKIN, V.I.

Structure of radiation chlorinated and sulfochlorinated polyethylene.
Vysokom. soed. 7 no.11:1959-1963 N '65. (MIRA 19:1)

1. Submitted December 26, 1964.

ROMANSKI, J., Bialonczyk, M.

Corrosive properties of a low-copper manganese brass of the MM17 type. Pt. 1. p. 15.
(PRACE. Vol. 6, no. 4, 1956 (published 1957), Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

ROMANSKI, J.

3777

669.55.71 : 669.268 : 621.793

Kamecki J., Romański J. Chromate Treatment of Zinc Alloys of ZnAl Type.

MG

„Chromianowanie stopów cynkowych typu „ZnAl”. (Prace Inst. Odlewn. No. 4), Warszawa, 1954, PWT, 8 pp., 6 figs., 7 tabs.

Investigations were made of chromate treatment of zinc alloys of ZnAl type in the classic Cronak and Siemens-Halske bath. The quality of coats obtained was observed in relation to the influence of the density of sodium bichromate and sulphuric acid in the bath, the time of chromate passivation and prior preparation of the metal surface. Optimum conditions for chromate treatment of ZnAl alloys were determined.

df ①
JH

BRUCKMAN, A., ROMANSKI, J.

Poland

Information Bulletin of the Foundry Research Institute. No. 1-2, 1955.
From the work of the Institute.
Corrosion tables for foundry iron alloys.

SO: Foundry Journal, Poland, #1, Jan 1955, Unclassified.

ROMANSKI, J.

Poland

Control of the quality of zinc-aluminium alloys of the AnAl type.

SO: Foundry Journal, Poland, #3, Mar 1955, Unclassified.

ROMANSKI, Je. . . mgr

Simple device for degreasing metal samples for corrosion tests.
Przeł odlew 12 no.1:Suppl.:Biul inf Inst odlew 12 no.1/2:
1-2 '62.

ROMANSKI, Jerzy, inz. arch. (Warszawa); ZIMINSKI, Zenon, dr inz.
(Warszawa)

Tropical pavilion made of aluminum. Inz i bud 19 no.8:281-284
Ag '62.

ROMANSKI, Jerzy, mgr

"Oxidation of metals" by J. Benard, J. Bardolle, F.
Bouillon, M. Cagnet, J. Moreau, G. Valensi. Vol. 1:
"Fundamental processes." Reviewed by Jerzy Romanski.
Przegl odlew 13 no. 5: 154-155 My '63.

ROMANSKI, Jerzy, mgr.

Preparing iron samples and alloys for a chemical analysis in special cases. Przegl odlew 12 no.3:8 of Bull Mr '62.

ROMANOWSKI, W.

POL.

The electric conductivity of crystalline methylene blue
K. Guminski and W. Romanowski (Inst. Technol., Wro-
claw, Poland). *Bull. Acad. Polon. Sci., Class III. A*,
485-8 (1954).—The dependence of the elec. cond. with temp.
in the range of 10° to 90° of methylene blue was detd. by
using the condenser-discharge method. The dye was de-
posited in thin cryst. layers between the electrodes. The
cond. was found to have the character of a semiconductor
with an activation energy of approx. 0.92 e.v. Methylene
blue contg. impurities in the form of zinc chloride or zinc
sulfate revealed a resistance higher by 3 orders than that
of the pure dye, whereas the activation energy increased to
about 1.6 e.v.

W. C. Pattenden

ROMANSKAYA, N. N.

Romanskaya, N. N. "The use of controlled lactic-acid fermentation in the technology of sour-milk products from reconstituted milk and cream." Min Higher Education USSR. Leningrad Technological Inst of the Refrigeration Industry. Leningrad, 1956. (Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya letopis', No 27, 1956. Moscow. Pages 94-109; 111.

DATSKO, V.G. [deceased]; VASIL'YEVA, V.L.; ROMENSKAYA, N.N.;
IVLINA, I.N.; SEMENOV, A.D.

Some data on organic substances in the Tsimlyansk Reservoir
and elements of their balance. Gidrokhim. mat. 37:63-70 '64.
(MIPA 18:4)

1. Gidrokhimicheskiy institut Glavnogo upravleniya gidro-
meteorologicheskoy sluzhby pri Sovete Ministrov SSSR, Novo-
cherkassk.

ROMANSKAYA, Mrs. Dr. S. V.

Pulkovo Observatory, Fontanka 34, Leningrad, U. S. S. R.

Commission de la Variation des Latitudes.

SO: Transactions of International Astronomical Union, 1950, Unclassified

ROMANSKAYA, S. V.

Pulkovo - Latitude Variation

Preliminary values of latitude variation of Pulkovo for the period 1943.8 to 1950.9 as observed on the Pulkovo zenith telescope. Izv. Glav. astron. obs., 19, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December ¹⁹⁵²~~1951~~, Uncl.

ROMANSKAYA, S.V.; SAKHAROV, V.I.

~~SECRET~~
Preliminary values for variations in the latitude of Pulkovo
from 1950.8 to 1951.8. Izv.Glav.astron.obser. 19 no.3:159-160
'53. (MIRA 7:1)
(Pulkovo--Latitude)

ROMANSKAYA, S.V.; SAKHAROV, V.I.

Latitude variation of Pulkovo in 1952. Astron. tsir. no. 134:6 F '53.
(MLBA 6:6)
(Pulkovo--Latitude variation)

ROMANSKAYA, S.V. (Pulkovo); KOREUT, I.F. (Pulkovo); SAKHAROV, V.I. (Pul-
kovo).

Latitude variation of Pulkovo for 1952.5 - 1954.0. Astron. tsir.
no. 148: 14 Ap '54. (MLRA 7:8)
(Pulkovo--Latitude variation) (Latitude variation--Pul-
kovo)

BC

d-1

Paracher of some heteropolar crystals. A. ROMANUKI (J. Phys. Chem. U.S.S.R., 1934, 5, 779—780)—Val. for Na and K halides are discussed. The accepted val. $e=92$ for KBr is uncertain. Ch. Abs. (c)

ASM-SLA: METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

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90TH GROUP

91ST GROUP

92ND GROUP

93RD GROUP

94TH GROUP

95TH GROUP

96TH GROUP

97TH GROUP

98TH GROUP

99TH GROUP

100TH GROUP

2

The parachor of some heteropolar crystals. A. Ramm-
schilg., Phys. Chem. (U. S. S. R.) 3, 770 ml(1971).
Parachor values for the Na and K halides are discussed.
The accepted value $\sigma = 92$ for KBr is held to be uncertain.
F. H. Rathmann

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

ZIAREK, St.; ROMANSKI, A.; CZYZEWSKI, K.

Effect of hypotensive drugs on the degree of blood oxidation in experimental traumatic shock. Acta physiol. polon. 10 no.5:619-631 Sept-Oct 59.

1. Z I Kliniki Chirurgicznej Slaskiej A. M. w Zabrze Kierownik:
doc. dr. S. Szyzko.

(OXYGEN, blood) (SHOCK, exper.)
(ANTIHYPERTENSIVE AGENTS, pharmacol.)

PALIWODA, Tadeusz; ROMANSKI, Apoloniusz

Results of surgical therapy of subjects over 60 years of age. Polski
przegl. chir. 31 no.4:377-385 Apr 59.

1. Z I Kliniki Chirurgicznej Sl. A. M. w Zabrze Kierownik: doc. dr
St. Szyzko.
(AGED, surg.)

L 27304-66 EWT(m)/EPF(n)-2/EWP(j)/I/EWA(h)/EWA(l) IJP(c) GG/RM (1)

ACC NR: AP6008980

(A)

SOURCE CODE: UR/0190/65/007/011/1959/1963

AUTHORS: Dzhagatspanyan, R. V.; Kolbasov, V. I.; Bardenshteyn, S. B.; Korolev, B. M.; Romanskiy, I. A.; Zetkin, V. I.

ORG: none

TITLE: The structure of radiation chlorinated and sulfochlorinated polyethylene

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 11, 1965, 1959-1963

TOPIC TAGS: polymer, polyethylene, chlorination, aliphatic compound, chlorine

ABSTRACT: The structure of radiation chlorinated and sulfochlorinated polyethylene in the solid state and in solution was studied by IR spectroscopy. The polyethylene specimens were prepared after the method of R. V. Dzhagatspanyan, L. M. Yakimenko, A. I. Gershenovich, and V. I. Zetkin (Avt. svid. No. 150625, 1961; Byull. izobreteniy, 1963, No. 20, 93). The IR spectra of the investigated compounds are presented. It was found that the IR spectra of bulk radiation sulfochlorinated polyethylene were identical to those sulfochlorinated in bulk by chlorine. It is concluded that chlorination of the polymer occurs more readily in the amorphous phase than in the crystalline phase. Orig. art. has: 2 graphs.

SUB CODE: 11/ SUBM DATE: 26Dec64/ ORIG REF: 003/ OTH REF: 005

Card

1/1

UDC: 678.01:53+678.743

ROMANSKIY, I. R.

Rominskiy, I. R. and Rapp, L. B. "On the investigation of the organic substance in some brown coals of the Alexandriya deposits in the Ukranian SSR," Ukr. khim. zhurnal, Vol. XV, Issue 1, 1949, p. 29-35, - Bibliog: 5 items

SO: U-5241, 17 December 1951, (Ietopis 'zhurnal 'nykh Statey, No. 26, 1949).

19

CA

Glass of volcanic ash. ROMANTCH. *Keram. i Stihlo 7*, No. 5, 5-11(1931).--Tests were made with addns. of volcanic ash to the glass batch (60% of the weight of sand) which showed that the glass obtained had a greater mech. stability because of an increase of the alumina content. With a greater admixt. of ash, the glass became more viscous and required a higher temp. for annealing, as lower temps. cause defects in the glass in the form of "transparent stones". The glass obtained has a milky color.

M. V. KONDOROV.

ASD-SEA DETAILORIAL LITERATURE CLASSIFICATION

ROMANTCHOUK, M. A.

"Sur l'équilibre dans les mélanges liquides et les solutions. Communication X".
Kirjeew, W. A. et Romantchouk, M. A. (p. 81)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1936, Volume 6, No. 1

ROMANTCHOUK, M. A.

"Sur l'equilibre dans les melanges liquides et les solutions. Communication IX".
Kirjeew, W. A. et Romantchouk, M. A. (p. 78)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1936, Volume 6, No. 1

1. Романченко, М. А.

"Determination de la solubilité du chlorure de méthyl et du chlorure d'éthyle dans quelques solvants a températures de -- 10° jusqu'a / 20° a pression reduite". Kaplan, S. I. et Romantchoûk, M. A. (p. 950)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimi) 1936, Vol. 6, No. 7

Equilibria in liquid mixtures and solutions. Solubility in different solvents, at less than atmospheric pressure. **IX.** Acetylene and vinyl chloride, at 0°. **X.** Hydrogen and methane at -20° to 40°. **V. A.** KIRBY and **M. A.** ROMANOVSKY (J. Gen. Chem. Russ., 1936, 6, 78-80, 81-84).—**IX.** Data are recorded for C_2H_2 and $CH_2=CHCl$ (I) in kerosene at -20° to 20° (100-760 mm.) and in heavy solvent oil, "solar oil," EtOH, and C_2H_5Cl at 0° (100-760 mm.). Small deviations from Henry's

low are found in all cases, the greatest differences being shown by (I) at low temp. The best solvent for (I) is $C_6H_5Cl_2$.

X. Data are given for H_2 and CH_4 in xylene, kerosene, and "cracking benzine" at -20° to 40° (500—700 mm.) and in C_2H_5Cl and heavy solvent oil at 0° (500—700 mm.). Henry's law is followed in all cases. The solubility of H_2 in xylene rises with temp. over the range -20° to 40° . R. T.

R. T.

A 10.11A - METALLURGICAL LITERATURE CLASSIFICATION

ROMANISZYN, M.

ROMANISZYN, M.; JAKIMOW, M.; BARCZYK, B.

Factors hindering the purchase of beans, p. 18. (GOSPODARKA ZBOZWA, Warszawa, Vol. 6, no. 3, Mar. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955, Uncl.

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<i>Handwritten: B'</i> <i>Handwritten: a-1</i> Solubility of methyl chloride and ethyl chloride in certain solvents at -10° to 20°, at pressures less than atmospheric. S. I. KAPLAN and M. A. ROMARTSEVICH (J. Gen. Chem. Russ., 1936, 6, 950—954).—Data are recorded for $(CH_2Cl)_2$ and CCl_4 at 100—760 mm.; the former is always the better solvent. J. J. B.																			
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
SOURCE										SIGNATURE									
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20										1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20									

KAMECKI, J, AND ROMANSKI, J.:

POLAND

"Corrosion of Casting Zinc Alloys of Zn Al Type," Prace Instytutu Odlewnictwa, No. 4, 1954.

SHEVYREV, V.Ye.; ANIKINA, A.S.; KOBOYEV, I.F.; MONOSOVA, A.P.; PANFILOV,
N.D.; ROMANSKIY, A.K.; SAVEL'YEV, N.N., otv. za vypusk; LARIONOVA,
V.I., tekhn.red.

[The 40th anniversary of the Karelian A.S.S.R.; statistics] 40 let
Karel'skoi ASSR; statisticheskii sbornik. Petrozavodsk, Gosstat-
izdat, 1960. 112 p. (MIRA 13:11)

1. Karelian A.S.S.R. Statisticheskoye upravleniye. 2. Nachal'nik
Statisticheskogo upravleniya Karel'skoy ASSR (for Shevyrev).
3. Statisticheskoye upravleniye Karel'skoy ASSR (for Anikina,
Koboyev, Monosova, Panfilov, Romanskiy).
(Karelia--Statistics)

ROMANTS V, Ye. F.; KALISTRATOV, G. V.

Inclusion of C^{14} - β -mercaptopyrrolamine into the proteins of
isolated microsomes, nuclei and mitochondria of the liver of mice.
Dokl. AN SSSSR 156 no. 1:200-202 My '64. (MIRA 17:5)

1. Predstavleno akademikom N. M. Sisakyanom.

R. B. DAVYD, A. A.

Mechanization and automation at the Kuznetsk Metallurgical Combine.
Metallurg 9 no. 11:33-34 N '64. (MIRA 18:2)

1. Nachal'nik TsIM Kuznetskogo metallurgicheskogo kombinata.

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSING AND PROPERTIES INDEX																			
BC 11-4 Proteins and proteolytic processes in muscle tissue. III. Activity of muscle proteases in B- and C-vitamin-deficient. S. V. FOMIN and N. M. Romanovskaya (Ukraine; Moscow, U.S.S.R., 1966, 9, 356-366).—The protease activity on caseinogen of muscle extracts from B-vitamin-deficient guinea pigs or C-vitamin-deficient guinea pigs is < that of extracts from normal animals. F. A. A.																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									

ROMANTSEV, A.N.

Automatic line for the processing of panels. Der.prom. 8
no.12:23 D '59. (MIRA 13:5)

1. Rostovskaya na-Donu mebel'naya fabrika im. Uritskogo.
(Woodworking machinery)

ROMANTSEV, E.

On - Properties of the Sea; Location of Village Chernaya Rechka; description of Bay Bordered by Mormanskaya O. and F-K-S.S. R.; Number of Lakes in Mormanskaya O.; Description of Island-Ostrov Velikiy.

Soviet Source: Vokrug Sveta, No. 1, Moscow, Jan. 1950.

Abstracted in USAF "Treasure Island," on file in Library of Congress, Air Information Division, Report No. 80532, 80533, 80534, 80535, 30549. Unclassified

ROMANTSEV, E.

Fish Life; Mosquito scourge in Taiga; Kovda Lakes

Soviet Source: P: Vokrug Sveta, No. 1, Moscow, January 1950.
Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information
Division, Report No. 81866-889, Unclassified.

ROMANTSEV, L.

Lesozaved: Jumber carriers; floating of lumber on Kovda River.

Soviet Source: P: Vokrug Sveta, No. 1 (Moscow, January 1950).
Abstracted in USAF "Treasure Island", on file in Library of Congress,
Air Information Division, Report No. 81827 Unclassified

ROMANTSEV, E.

Tower on Cape Kindra; Ostrov Vysokiy; Quartz and Mica Deposits; Rivers and Lakes;
Forest Fauna; Collection of Seaweed

Soviet Source: P: Vokrug Sveta, No. 1, Moscow, January 1950.

Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information
Division, Report No. 81866-89. Unclassified

ZHULANOVA, Z.I.; ROMANTSEV, E.F.

Excretion of ~~desoxy~~cytidine from the organism under various
conditions of irradiation. Med.rad. 5 no.3:39-43 '60.

(MIRA 13:12)

(DEOXYCYTIDINE)

(RADIATION SICKNESS)

BUGAYENKO, L.T.; ROMANTSEV, M.F.

Kinetics of the reaction of potassium permanganate with aldehydes
in an acetone solution. Zhur.ob.khim. 33 no.6:1707-1710 Je
'63. (MIRA 16:7)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Potassium permanganate) (Aldehydes)

ROMANISEV, M.F.; SARAYEVA, V.V.; BAKH, N.A.

Mechanism underlying the formation of dialkyl peroxides in the radiation-induced oxidation of hydrocarbons. Dokl. AN SSSR 159 no.3:622-625 N '64 (MIRA 18:1)

1. Moskovskiy gosudarstvennyy universitet i Institut elektrokhimii AN SSSR. Predstavleno akademikom A.N. Frumkinym.

ROMANTSEV, M.F.; SARAYEVA, V.V.; MISHCHENKO, C.A.

Radiolysis of isooctyl and heptyl hydroperoxide solutions in
hydrocarbons. Zhur. fiz. khim. 39 no.10:2599-2602 0 '65.
(MIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
Submitted July 18, 1964.

L 24806-65 EPF(c)/EPF(n)-2/ENG(j)/ENP(j)/EWA(h)/EWT(m)/EWA(1) PC-4/Pr-4/Pu-4/2eb
 ACCESSION NR: AP4049925 GG/RM S/0020/64/159/003/0622/0625

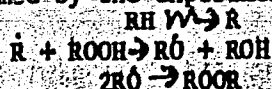
AUTHOR: Romantsev, M. F.; Sarayev, V. V.; Bakh, N. A.; Frumkin, A. N.

TITLE: Mechanism of formation of dialkyl peroxides during radiation-induced oxidation of hydrocarbons (Academician)

SOURCE: AN SSSR. Doklady*, v. 159, no. 3, 1964, 622-625

TOPIC TAGS: hydrocarbon oxidation, radiooxidation, ionizing radiation, dialkyl peroxide, polarography

ABSTRACT: Thoroughly purified and dried isooctane (2,2,4-trimethylpentane) and n-heptane were exposed to x-rays (70 kV max.) and gamma rays (Co60) at a dose rate of 2×10^{16} eV/ml·sec, and a temperature of 0°C, a steady stream of O₂ + N₂ mixtures of various compositions being bubbled through. The hydroperoxides were determined polarographically, the total peroxides were determined iodometrically, and the content of dialkyl peroxides was obtained by difference. Alcohols were determined colorimetrically as 2,4-dinitrophenyl-hydrazones. The proposed reaction mechanism, confirmed by the experimental data, is as follows:



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L 24806-65

ACCESSION NR: AP4049925

2

In the presence of oxygen, the R radicals first form peroxide radicals



which then convert into hydroperoxides, carbonyl components, and alcohols, and the corresponding reactions



display no temperature dependence in the range under consideration. The data obtained indicate that most of the hydroperoxides, carbonyl compounds and alcohols formed preserve the carbon skeleton of the initial hydrocarbon, i.e., that the radical produced by the detachment of one hydrogen atom is chiefly used in the reactions. Only this radical has a sufficiently long lifetime to participate in reactions (1)-(3). Orig. art. has: 3 figures, 2 tables, and 6 equations.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. (Moscow State University); Institut elektrokhemii Akademii nauk SSSR (Institute of Electrochemistry, Academy of Sciences SSSR)

SUBMITTED: 07Jul64

ENCL: 00

SUB CODE: 00

NO REF SOV: 010

OTHER: 004

Card 2/2

L 10516-66 EWT(m)/EWP(j)/EWA(h)/EWA(1) RM

ACC NR: AP5027188

SOURCE CODE: UR/0076/65/039/010/2599/2602

AUTHOR: Romantsev, M. F.; Sarayeva, V. V.; Mishchenko, O. A.

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Radiolysis of solutions of isooctyl and heptyl peroxides in hydrocarbons

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 10, 1965, 2599-2602

TOPIC TAGS: hydroperoxide, irradiation effect, hydrocarbon, radiation chemistry, peroxide, solution concentration, chemical decomposition, radiolysis

ABSTRACT: The radiolysis of 2,4,4-trimethyl-2-pentyl hydroperoxide in isooctane and of sec-heptyl hydroperoxide in heptane was studied as a function of the initial hydroperoxide concentration and temperature. Dialkyl peroxides and alcohols were formed; in the range of initial doses, the radiolysis takes place as follows:

- 1) $RH \xrightarrow{\gamma} R\cdot, H\cdot$
- 2) $ROOH + R\cdot \rightarrow RO + ROH$
- 3) $2R\cdot \rightarrow ROOR$

A study of the yield of radiolysis products formed by the breakdown of hydroperoxides as a function of concentration showed that in the concentration range of 1.8×10^{-4} - 5.6×10^{-3} M at 0°C the hydroperoxide acts as an acceptor of the radicals formed by the hydrocarbon radiolysis. The yield from the breakdown of ROOH and the formation of products depend little on the temperature. The activation energy of these pro-

Card 1/2

UDC: 541.15

L 10516-00

ACC N^o: AP5027188

cesses amounts to approximately 0.7 kcal/mole. In the presence of oxidation products (carbonyl compounds and alcohols), the RO radicals, which result from the breakdown of ROOH, are not completely consumed by the formation of ROOR, but partially participate in other processes. Orig. art. has: 4 figures and 1 table.

SUB CODE: 07 , / SUBM DATE: 18Jul64 / ORIG REF: 005 / OTH REF: 003

Card

2/2

BUGAYENKO, L.T.; ROMANTSEV, M.F.; BAKH, N.A.

Oxidation-reduction conversions of acceptors in organic solvents under the effect of ionizing radiations. Part 3: Reduction of permanganate ions in acetone solutions. Kin. i kat. 4 no.6:811-814 N-D '63. (MIRA 17:1)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova, khimicheskii fakul'tet.

55310

1273

33114

S/032/62/028/002/012/037

B125/B104

AUTHORS: Motkina, M. A., Solodovnik, S. M., Baranova, L. L., Lushina, V. K., and Romantseva, T. I.

TITLE: Increase of the sensitivity of impurity determination in pure metals

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 2, 1962, 176 - 177

TEXT: The accuracy (over 10^{-5} - 10^{-6}) of impurity determination in pure metals with low ionization potential (Ga, In, Tl, etc.) can be increased by separating the main component of the sample and using the remainder as an intensifying additive. The intensity of analytical lines in the case of impurity elements with low ionization potential can be raised by the introduction of Ca_2O_3 , GaCl_3 , NaNO_3 , Na_2CO_3 , NaCl , Na_2SO_4 , and AgCl , whereby the background intensity is reduced. The experiments have shown that the addition of 4% of NaCl to the impurity concentrate is most convenient for the analysis of metals with high ionization potential (Bi, Si, Sb, etc.). The main components of the sample in the impurity concentrates produced in the chemical concentration process, together

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X

Increase of the sensitivity of...

334114
S/032/62/028/002/012/037
B125/B104

with NaCl, influence the relative intensity of the impurity elements to be determined. The effect of NaCl in elements with relatively low ionization potential (Ca, In, Tl) is significant only if the concentration of the main component is low. The effect of the main component above a given concentration upon the impurity line intensity is independent of the presence of NaCl. The effect of NaCl is not eliminated even by relatively high concentrations of elements with high ionization potential (Bi, Si, Sb, etc.). The main component is partially separable in the chemical spectrum analysis of metals with low ionization potential. The remainder is suited as an intensifying impurity, and the addition of NaCl to the concentrate is unavoidable. NaCl is required in the analysis of metals with relatively high ionization potential. The methods discussed here are suited for semiconductor engineering. The accuracy of determination with an initial weighed portion of 1 g (neglecting possible impurities) is presented in a table. There are 2 figures, 1 table, and 11 references: 9 Soviet and 2 non-Soviet. The two references to English-language publications read as follows: B. Scribner, H. J. Mullin. Res. Nat. Bur. Standards, 37, 379 (1946); R. Breckpot. Congr. adv. method anal. Spectr. prod. met. (Paris), 8, 33 (1947).

Card 2/3

33414

Increase of the sensitivity of...

S/032/62/028/002/012/037
B125/B104

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut redkometallicheskoj promyshlennosti (State Design
and Planning Scientific Research Institute of the Rare
Metals Industry)

Table. Sensitivity of impurity determination in pure metals:
Legend: (1) analytical line λ ; (2) error, %.

Table

Аналитическая линия λ		Чувствительность, %	
(1)	(2)	(1)	(2)
Al I 3082,16	5.10 ⁻¹	Al I 3082,16	5.10 ⁻¹
Bi I 3067,71	5.10 ⁻¹	Bi I 3067,71	5.10 ⁻¹
Fe I 2463,27	2.10 ⁻¹	Fe I 2463,27	2.10 ⁻¹
In I 3256,09	2.10 ⁻¹	In I 3256,09	2.10 ⁻¹
Cd I 2248,02	5.10 ⁻¹	Cd I 2248,02	5.10 ⁻¹
Co I 3044,00	2.10 ⁻¹	Co I 3044,00	2.10 ⁻¹
Mg II 2795,53	5.10 ⁻¹	Mg II 2795,53	5.10 ⁻¹
Mn I 2801,05	5.10 ⁻¹	Mn I 2801,05	5.10 ⁻¹
Cu I 3247,54	5.10 ⁻¹	Cu I 3247,54	5.10 ⁻¹
Ni I 3050,82	5.10 ⁻¹	Ni I 3050,82	5.10 ⁻¹
Sn I 2839,99	5.10 ⁻¹	Sn I 2839,99	5.10 ⁻¹
Pb I 2833,07	5.10 ⁻¹	Pb I 2833,07	5.10 ⁻¹
Sb I 2359,06	5.10 ⁻¹	Sb I 2359,06	5.10 ⁻¹
Ag I 3280,68	5.10 ⁻¹	Ag I 3280,68	5.10 ⁻¹
Ti II 3234,52	1.10 ⁻¹	Ti II 3234,52	1.10 ⁻¹
Cr II 2635,63	5.10 ⁻¹	Cr II 2635,63	5.10 ⁻¹
Zn I 3345,57	1.10 ⁻¹	Zn I 3345,57	1.10 ⁻¹

Card 3/3

L 51517-65 EWT(m)/EPF(o)/EFR/ERP(j)/Tj Pc-l/Pr-l/Ps-l RPL WW/RM

ACCESSION NR: AP5015303

UR/0286/65/000/009/0069/0069
678.744,32.7-13

32
B

AUTHOR: Nosayev, G. A.; Romantsev, O. N.; Reyzvikh, T. V.; Kuz'mina, S. V.

TITLE: A method for producing graft copolymers of vinyl compounds. Class 39,
No. 170675

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 69

TOPIC TAGS: graft copolymer, polymerization, vinyl compound, peroxide

ABSTRACT: This Author's Certificate introduces a method for producing graft copolymers of vinyl compounds. In order to provide a wider selection of copolymer materials, a vinyl compound is copolymerized with a monomeric or polymeric perester and a second vinyl compound is then grafted to the resulting peroxide copolymer at the location of the peroxide groups.

ASSOCIATION: none

SUBMITTED: 18Aug62

NO REF SOV: 000

Card 1/1

ENCL: 00

OTHER: 000

SUB CODE: 00, GC

Romantsev, Y. A.

AUTHOR: None Given 127-58-6-10/25

TITLE: Authors' Certificates (Avtorskiye svidetel'stva)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 6, pp 39-40 and p 59 (USSR)

ABSTRACT: M.I. Koteck, "A Combine for Complex-Mechanization of the Drifting of Mining Works"; Trushchenko, N.G., "A Mobile Shield for Sinking "Rising" (vosstayushchiy) Workings"; Musayelyan, A.D., "A Process of Vertical Shaft Sinking Under Flooded Conditions by Lowering the Water Lever With Air Lifters"; Ye.A. Romantsev and V.G. Slonitskiy, "A Boring Machine for the Sinking of Pit Holes".
There are 3 figures.

AVAILABLE: Library of Congress

Card 1/1 1. Drilling machines-Applications

ANDRIANOV, Nikolay Ivanovich; BUBNOV, Yevgeniy Sergeyevich; GNEVUSHEV,
Mikhail Andreyevich; IOANNESYAN, Rollen Arsen'yevich; LITVINOV,
Nikolay Nikolayevich; MEYERSON, Yevgeniy Grigor'yevich; MINDLIN,
Yakov Borisovich; ROMANTSEV, Yakov Antonovich; ALEKSIN, A.G., red.;
KAESHKOVA, S.M., vedushchiy red.; POLOSINA, A.S., tekhn. red.

[Diamond drilling] Almaznoe burenie. Moskva, Gos. nauchno-tekhn.
izd-vo nef. i gorno-toplivnoi lit-ry, 1961. 170 p. (MIRA 14:9)
(Boring) (Diamonds, Industrial)

YA A ROMANTSEV

AUTHOR: None Given

127-58-6-16/25

TITLE: Author's Certificate (Avtorskoye svidetel'stvo)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 6, p 59 (USSR)

ABSTRACT: Ya.A. Romantsev and V.G. Slonitskiy "A Drill Rig for the Sinking of Well Holes". There is one figure.

AVAILABLE: Library of Congress

Card 1/1 1. Drills-Oil-Well sinking

ROMANTSEV, Ya.A.; SLONITSKIY, V.G.

Hole boring machine. Gor. zhur. no.6:59 Je '58.
(Boring machinery--Patents)

(MIRA 11:6)

ROMANTSEV, YA. A.

PA 27T41

USSR/Geological Prospecting
Drilling Machinery

Jun 1946

"One of the Various Home-produced Small-diamond
Drilling Crowns," Ya. A. Romantsev, A. M. Zarkhin,
7 pp

"Razvedka Nedr" No 3

Small-diamond crowns made by Nigrizoloto, in comparison with carbonate crowns in laboratory tests, showed greater durability and more productivity. Tables on the experiments and a diagram of the crown accompany the article.

ID

27T41

ROMANTSEV, Ye.

At the Velikaya Salma sound. Vokrug sveta no. 7:44-45 J1 '54.
(Velikaya Salma) (MIRA 7:8)

RUSSIA, YU.

Russia, Northern - Description and Travel

From Kantalaksha to Luvengi., Vokrug sveta, no. 1, 1952

9. Monthly List of Russian Accessions, Library of Congress, March 1952 1953, Uncl.

ROMANTSEV, Ye. F.
IVANOV, I. I.; MODESTOV, V. K.; SHTUKKENBERG, Yu. M.; ROMANTSEV, Ye. F.;
VOROB'YEV, Ye. I.; MARGULIS, U. Ya., redaktor; ~~POPRIADOKHIN, K. A.~~
tekhnicheskiiy redaktor.

[Radioactive isotopes in medicine and biology; a practical manual]
Radioaktivnye izotopy v meditsine i biologii; prakticheskoe
rukovodstvo. Moskva, Gos. izd-vo meditsinskoi lit-ry, 1955. 231 p.
(RADIOBIOLOGY) (MLA 8:11)

Review W-31613, 20 Jan 56

IVANOV, I.I., professor; BALABUKHA, V.S.; ROMANTSEV, Ye.F.; FEDOROVA, T.A.;
GRODZENSKIY, D.E., redaktor; BEL'CHIKOVA, Yu.S., tekhnicheskii
redaktor

[Metabolism in radiation sickness] Obmen veshchestv pri luchevoi
bolezni. Pod red. I.I.Ivanova. Moskva, Gos. izd-vo med. lit-ry,
1956. 250 p. (MIRA 10:1)

(RADIATION SICKNESS) (METABOLISM)

ROMANTSEV, Ye.F. : ZHULANOVA, Z.I.

Acetylation of sulfanilamide in animals irradiated with X rays
[with English summary in insert]. Biokhimiia 21 no.6:663-667 N-D '56.
(MLRA 10:7)

(SULFANILAMIDE, metabolism,
acetylation, eff. of x-rays in rats (Rus))
(ROENTGEN RAYS, effects,
on sulfanilamide acetylation in rats (Rus))

ROMANTSEV, Ye.F.

Protection of the organism against the action of ionizing radiations
by the use of chemical compounds. Itogi nauki, Biol. nauki no.1:100-114
'57. (MIRA 11:3)

(RADIOACTIVITY--SAFETY MEASURES)

21/3

PHASE I BOOK EXPLOITATION

SOV/2206

Romantsev, Yevgeniy Fedorovich, and Aleksey Vladimirovich Savich

Khimicheskaya zashchita ot deystviya ioniziruyushchey radiatsii (Chemical Protection From Effects of Ionizing Radiation) Moscow, Medgiz, 1958. 142 p. Errata slip inserted. 6,000 copies printed.

Ed.: G. Ye. Fradkin; Tech. Ed.: Z. I. Bogacheva.

PURPOSE: The book is intended for biologists, physicians, chemists, and other specialists concerned with radiobiological problems.

COVERAGE: The book consists of two parts. Part I deals with the physical principles of the biological action of ionizing radiation. Part II. deals with the problem of chemical protection of the animal organism against the harmful effects of radiation. A survey of numerous publications concerning this problem is given in Part II. The problem of protection with chemical agents was studied by two methods: 1) investigation of processes occurring in the organism during radiation, and 2) investigation of chemical compounds capable of directing the course of the processes in the organism and an

Card 1/ 5

Chemical Protection From Effects (Cont.)

SOV/2206

empirical selection of protective agents. Possible mechanisms of protective action are discussed. No personalities are mentioned. There are 219 references: 32 Soviet, 142 English, 19 German, 24 French, 1 Czech, and 1 Italian.

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